

**§ 421.306**

(i) Acid leachate and rinse water.

**PSES FOR THE PRIMARY AND SECONDARY  
TITANIUM SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of titanium pro- duced	
Chromium (total) .....	4.381	1.776
Lead .....	3.315	1.539
Nickel .....	6.512	4.381
Titanium .....	6.275	2.723

(j) Sponge crushing and screening  
wet air pollution control.

**PSES FOR THE PRIMARY AND SECONDARY  
TITANIUM SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of titanium pro- duced	
Chromium (total) .....	0.239	0.097
Lead .....	0.181	0.084
Nickel .....	0.356	0.239
Titanium .....	0.343	0.149

(k) Acid pickle and wash water.

**PSES FOR THE PRIMARY AND SECONDARY  
TITANIUM SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of titanium pickled	
Chromium (total) .....	0.023	0.009
Lead .....	0.017	0.008
Nickel .....	0.034	0.023
Titanium .....	0.032	0.014

(l) Scrap milling wet air pollution  
control.

**PSES FOR THE PRIMARY AND SECONDARY  
TITANIUM SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of scrap milled	
Chromium (total) .....	0.084	0.034
Lead .....	0.064	0.030
Nickel .....	0.125	0.084
Titanium .....	0.120	0.052

(m) Scrap detergent wash water.

**40 CFR Ch. I (7–1–06 Edition)**

**PSES FOR THE PRIMARY AND SECONDARY  
TITANIUM SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of scrap washed	
Chromium (total) .....	6.684	2.710
Lead .....	5.058	2.348
Nickel .....	9.935	6.684
Titanium .....	9.574	4.155

(n) Casting crucible wash water.

**PSES FOR THE PRIMARY AND SECONDARY  
TITANIUM SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of titanium cast	
Chromium (total) .....	0.176	0.072
Lead .....	0.134	0.062
Nickel .....	0.262	0.176
Titanium .....	0.253	0.110

(o) Casting contact cooling water.

**PSES FOR THE PRIMARY AND SECONDARY  
TITANIUM SUBCATEGORY**

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of titanium cast	
Chromium (total) .....	27.000	10.950
Lead .....	20.430	9.486
Nickel .....	40.140	27.000
Titanium .....	38.680	16.780

**§ 421.306 Pretreatment standards for  
new sources.**

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources. The mass of wastewater pollutants in primary and secondary titanium process wastewater introduced into a POTW shall not exceed the following values:

(a) Chlorination off-gas wet air pollution control.

# Environmental Protection Agency

\$ 421.306

## PSNS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of TiCl <sub>4</sub> produced	
Chromium (total) .....	0.346	0.140
Lead .....	0.262	0.122
Nickel .....	0.515	0.346
Titanium .....	0.496	0.215

(b) Chlorination area-vent wet air pollution control.

## PSNS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of TiCl <sub>4</sub> produced	
Chromium (total) .....	0.385	0.156
Lead .....	0.291	0.135
Nickel .....	0.572	0.385
Titanium .....	0.551	0.239

(c) TiCl<sub>4</sub> handling wet air pollution control.

## PSNS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of TiCl <sub>4</sub> handled	
Chromium (total) .....	0.069	0.028
Lead .....	0.052	0.024
Nickel .....	0.103	0.069
Titanium .....	0.099	0.043

(d) Reduction area wet air pollution control.

## PSNS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of titanium pro- duced	
Chromium (total) .....	1.528	0.620
Lead .....	1.156	0.537
Nickel .....	2.272	1.528
Titanium .....	2.189	0.950

(e) Melt cell wet air pollution control.

## PSNS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of titanium pro- duced	
Chromium (total) .....	0.787	0.319
Lead .....	0.595	0.276
Nickel .....	1.169	0.787
Titanium .....	1.127	0.489

(f) Chlorine liquefaction wet air pollution control.

## PSNS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

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	mg/kg (pounds per million pounds) of titanium pro- duced	
Chromium (total) .....	0.000	0.000
Lead .....	0.000	0.000
Nickel .....	0.000	0.000
Titanium .....	0.000	0.000

(g) Sodium reduction container re-conditioning wash water.

## PSNS FOR THE PRIMARY AND SECONDARY TITANIUM SUBCATEGORY

Pollutant or pollutant property	Maximum for any 1 day	Maximum for monthly average
	mg/kg (pounds per million pounds) of titanium pro- duced	
Chromium (total) .....	0.474	0.192
Lead .....	0.359	0.167
Nickel .....	0.705	0.474
Titanium .....	0.679	0.295

(h) Chip crushing wet air pollution control.

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Nickel .....	0.000	0.000
Titanium .....	0.000	0.000

**§ 421.307**

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Nickel .....	0.000	0.000
Titanium .....	0.000	0.000

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**§ 421.307 [Reserved]**

**Subpart AC—Secondary Tungsten  
and Cobalt Subcategory**

SOURCE: 50 FR 38386, Sept. 20, 1985, unless  
otherwise noted.

**§ 421.310 Applicability: Description of  
the secondary tungsten and cobalt  
subcategory.**

The provisions of this subpart are ap-  
plicable to discharges resulting from  
the production of tungsten or cobalt at  
secondary tungsten and cobalt facili-  
ties processing tungsten or tungsten  
carbide scrap raw materials.